| Inde | ex of C | laims |
|------|---------|-------|
|      |         |       |

| Application No. | Applicant(s) |
|-----------------|--------------|
| 09/955,101      | SAKAI ET AL. |
| Examiner        | Art Unit     |

Lawrence W Luk

2838

| <b>√</b> | Rejected |
|----------|----------|
| =        | Allowed  |

| _ | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| ÷ | Restricted                     |

| N | Non-Elected  |
|---|--------------|
| _ | Interference |

| A | Appeal   |
|---|----------|
| 0 | Objected |

| ·             |  |              |          |              |              |  |  |                                     |  |          |
|---------------|--|--------------|----------|--------------|--------------|--|--|-------------------------------------|--|----------|
| Cla           | Date                                   |              |          |              |              |  |  |                                     |  |          |
| Final         | Original                               | 5/16/04      |          |              |              |  |  |                                     |  |          |
| _             |  |              | -        | -            |              |  |  |                                     |  | $\neg$   |
| 1             | 2                                      | =            |          |              |              |  |  |                                     |  |          |
|               | 3                                      | 1            |          |              |              |  |  |                                     |  |          |
| 3             | 4                                      | Н            |          |              |              | _  |  |                                     |  | П        |
| 3             | 2<br>3<br>4<br>5                       | П            |          |              |              |  |  |                                     | -  |          |
| 11            | 6                                      | Н            |          |              |              |  |  |                                     |  |          |
| 5             | 7                                      | П            |          |              |              |  |  |                                     |  |          |
| 11<br>5<br>12 | 8                                      | П            |          |              |              |  |  |                                     |  |          |
| 13<br>14      | 9                                      | П            |          |              |              |  |  |                                     |  |          |
| 14            | 10                                     | Ш            |          |              |              |  |  |                                     |  |          |
| 6             | 11                                     | Ш            |          |              |              |  | _  |                                     |  | $\Box$   |
| 7<br>15       | 12                                     | Ш            |          | Щ            |              | $ldsymbol{ldsymbol{ldsymbol{\sqcup}}}$           | Щ  | Щ                                   | <u> </u>   | Ш        |
| 15            | 13                                     | Ш            |          | Ш            |              | L  | <u> </u>   |                                     | <u> </u>   | Щ        |
| 16            | 11<br>12<br>13<br>14<br>15<br>16<br>17 | Ш            | _        | lacksquare   | _            | dash   | _  | L                                   | <u> </u>   |          |
| 17            | 15                                     | Н            | _        |              |              | _  |  |                                     |  |          |
| 18            | 16                                     | +            |          | oxdot        |              | H  | $\vdash$   | Ш                                   | ļ  | Щ        |
| 19            | 1/                                     | Н            |          | _            |              |  | _  | H                                   | <u> </u>   | -        |
| 8             | 19                                     | Н            |          | <u> </u>     |              |  | _  | -                                   |  |          |
| 10            | 20                                     | Н            |          | -            |              | $\vdash$   |  |                                     | -  | _        |
| 20            | 21                                     | Н            |          | $\vdash$     |              | -  | _  | -                                   | $\vdash$   | $\vdash$ |
| 21            | 20<br>21<br>22                         | ₩            |          | $\vdash$     |              | $\vdash$   | -  | _                                   | -  | Н        |
|               | 23                                     | ľ            |          | $\vdash$     |              |  | _  | -                                   |  | Н        |
|               | 23<br>24                               |              | _        |              |              |  | _  | _                                   | _  |          |
|               | 25                                     |              |          | П            |              |  |  |                                     | $\vdash$   |          |
|               | 26                                     |              |          |              | _            | _  |  |                                     |  |          |
|               | 27                                     |              |          | Г            |              |  |  |                                     |  |          |
|               | 28                                     |              |          |              |              |  |  |                                     |  |          |
|               | 28<br>29                               |              |          |              |              |  |  |                                     |  |          |
|               | 30                                     |              |          |              |              |  |  |                                     |  |          |
|               | 31<br>32<br>33                         |              |          |              |              | $oxedsymbol{oxed}$                               |  | $oxed{oxed}$                        | _  | Ш        |
|               | 32                                     |              |          | L            | _            | <u> </u>   |  | igspace                             | <u> </u>   |          |
|               | 33                                     | L.           | <u> </u> | _            | <u> </u>     | _  | $ldsymbol{f eta}$                                | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | <u> </u>   |          |
| ļ             | 34<br>35                               | $\vdash$     |          | _            |              | <u> </u>   | <u> </u>   | _                                   |  |          |
| ļ             | 35                                     | -            | ļ        |              | <u> </u>     | ⊢-   | <u> </u>   | $\vdash$                            | <u> </u>   | _        |
| <u> </u>      | 36                                     | H            |          | <del> </del> | <u> </u>     | ├-   | -  | $\vdash$                            | $\vdash$   | -        |
| <u> </u>      | 37<br>38                               | $\vdash$     | _        | ⊢            | <del> </del> | <del> </del>                                     | <u> </u>   | $\vdash$                            | ├  | <u> </u> |
| <b></b> -     | 39                                     | $\vdash$     |          | ⊢            | -            | ⊢  | $\vdash$   |                                     | ┢  | $\vdash$ |
| -             | 40                                     | $\vdash$     | _        | <del> </del> |              |  | $\vdash$   |                                     | ⊢  | -        |
| <del> </del>  | 41                                     | $\vdash$     | $\vdash$ | -            | <del> </del> | _  | $\vdash$   | $\vdash$                            | $\vdash$   |          |
| <u> </u>      | 42                                     | <del> </del> | $\vdash$ | $\vdash$     | $\vdash$     | ┢╾   | ┢  | <del> </del>                        | <del> </del>                                     | $\vdash$ |
| <b></b> -     | 43                                     | $\vdash$     | Н        | $\vdash$     | $\vdash$     | $\vdash$   | Н  | $\vdash$                            | <del>                                     </del> | Т        |
|               | 44                                     | H            | -        | T            | T            | <del>                                     </del> | _  | <u> </u>                            | T  | П        |
|               | 45                                     | Г            | Т        |              | Г            | $\vdash$   | <del>                                     </del> |                                     | 1  | П        |
|               | 46                                     |              |          | T            | Т            |  |  | Г                                   | Π  |          |
|               | 47                                     |              |          |              |              |  |  |                                     |  |          |
|               | 48                                     |              |          |              |              |  |  |                                     |  |          |
|               | 49                                     |              |          |              |              |  |  |                                     |  |          |
|               | 50                                     |              |          |              | l            |  |  |                                     |  |          |

|     | Cla   | im       | Date   |                                     |  |          |          |          |              |          |  |  |
|-----|-------|----------|--|-------------------------------------|--|----------|----------|----------|--------------|----------|--|--|
|     | Final | Original |  |                                     |  |          |          |          |              |          |  |  |
|     |       | 51       |  |                                     |  |          |          |          |              |          |  |  |
|     |       | 51<br>52 |  |                                     |  |          |          |          |              |          |  |  |
|     |       | 53       |  |                                     |  |          |          |          |              |          |  |  |
| ı   |       | 54       |  |                                     |  |          |          |          |              |          |  |  |
|     |       | 55       |  |                                     |  |          |          |          |              |          |  |  |
| - [ |       | 56       |  |                                     | Γ  |          |          |          |              |          |  |  |
|     |       | 57       |  |                                     |  |          |          |          |              |          |  |  |
|     |       | 58       |  |                                     |  |          |          |          |              |          |  |  |
|     |       | 59       |  |                                     |  |          |          |          |              |          |  |  |
|     |       | 60       |  |                                     |  |          |          |          |              |          |  |  |
|     |       | 61       |  |                                     |  |          |          |          |              |          |  |  |
|     |       | 62<br>63 |  |                                     |  |          |          |          |              |          |  |  |
|     |       | 63       | L  |                                     | L  |          |          |          |              |          |  |  |
|     |       | 64       | L  |                                     |  | L        |          |          |              |          |  |  |
|     |       | 65       |  |                                     |  | L        |          |          |              |          |  |  |
|     |       | 66       |  |                                     |  |          |          |          |              |          |  |  |
|     |       | 67       | $ldsymbol{ldsymbol{ldsymbol{ldsymbol{eta}}}$ | _                                   |  |          |          |          |              |          |  |  |
|     |       | 68       | <u> </u>                                     |                                     |  | L.       |          |          |              |          |  |  |
|     |       | 69       | _  | _                                   | <u> </u>   |          |          |          | _            |          |  |  |
|     |       | 70       |  |                                     |  | _        | _        | _        |              | _        | _  |  |
|     |       | 71       |  |                                     | <u> </u>   |          | _        |          |              |          |  |  |
|     |       | 72       |  | <u> </u>                            | <u> </u>   |          |          |          | _            |          |  |  |
|     |       | 73<br>74 |  | _                                   | _  | <u> </u> | L        | _        | _            |          |  |  |
|     |       | 74       |  | $\vdash$                            | $\vdash$   | $\vdash$ | <u> </u> |          |              |          | <u> </u>   |  |
|     |       | 75       |  | -                                   | <u> </u>   | -        |          |          |              |          | <u> </u>   |  |
| 1   |       | 76<br>77 |  |                                     | <del> </del>                                     |          | <u> </u> |          | -            | _        | -  |  |
|     |       | 78       |  | ⊢                                   | ┝  | -        | H        |          | -            |          | ┝  |  |
| 1   |       | 79       | -  | ⊢                                   | ├  | ├─       | $\vdash$ | $\vdash$ | _            | _        | -  |  |
| 1   |       | 80       |  | -                                   |  | -        |          |          |              |          | ┢  |  |
| ļ   |       | 81       | -  | $\vdash$                            | -  | ┝        | -        |          | -            |          | ├  |  |
| ì   |       | 82       |  | -                                   | <del> </del>                                     | $\vdash$ | <u> </u> |          | _            | _        | $\vdash$   |  |
|     |       | 83       | $\vdash$                                     | ┢                                   | -  | -        | _        | -        | _            | -        | $\vdash$   |  |
|     |       | 84       | $\vdash$                                     | $\vdash$                            | <del>                                     </del> | -        | $\vdash$ |          | _            |          | -  |  |
|     |       | 85       | <u>ー</u>                                     | _                                   |  |          |          | $\vdash$ | Г            | П        |  |  |
|     |       | 86       | 1  | <u> </u>                            | <del>                                     </del> | _        | _        | $\vdash$ | _            | $\vdash$ | <del>                                     </del> |  |
|     |       | 87       | _  |                                     |  |          | i –      |          |              |          |  |  |
|     |       | 88       |  |                                     |  |          | _        |          |              |          |  |  |
|     |       | 89       |  |                                     |  |          |          |          | Г            |          | Г  |  |
|     |       | 90       |  |                                     |  |          | Г        |          |              |          |  |  |
|     |       | 91       |  |                                     |  | П        |          |          |              |          |  |  |
|     |       | 92       |  |                                     |  |          |          |          |              |          |  |  |
|     |       | 93       |  |                                     |  |          |          |          |              |          |  |  |
| 1   |       | 94       | L  |                                     |  |          | L        |          | oxdot        | <u> </u> | <u> </u>   |  |
|     |       | 95       | <u> </u>                                     |                                     | <u> </u>   | <u></u>  |          | <u></u>  | $oxed{oxed}$ | <u> </u> | L  |  |
|     |       | 96       | _  | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | <u> </u>   | _        | <u> </u> | <u> </u> |              | <u> </u> | <u> </u>   |  |
|     |       | 97       | _  | _                                   |  | _        | <u> </u> | <u> </u> | <u> </u>     | <u> </u> | <u> </u>   |  |
|     |       | 98       | <u> </u>                                     | <u> </u>                            | L-   | <u> </u> | <u> </u> | <u> </u> | <u> </u>     | L        | _  |  |
|     |       | 99       | _  | <u> </u>                            | <u> </u>   | Ь.       | <u> </u> | ├-       | <del> </del> | <u> </u> | <u> </u>   |  |
|     |       | 100      |  |                                     | <u> </u>   | 1        |          | L        | <u> </u>     | L        |  |  |

| Cla   |                   |                  |          | [        | Date     | _        |  | _  | ᅵ                                   |          |
|-------|-------------------|------------------|----------|----------|----------|----------|--|--|-------------------------------------|----------|
| Final | Original          |                  |          |          |          |          |  |  |                                     |          |
|       | 101               |                  |          |          |          |          |  |  |                                     | $\vdash$ |
|       | 101<br>102        |                  |          |          |          |          |  |  |                                     | П        |
|       | 103               |                  |          |          |          |          |  |  |                                     |          |
|       | 104               |                  |          |          |          |          |  |  |                                     |          |
|       | 105<br>106        |                  |          |          |          |          |  |  |                                     |          |
|       | 106               |                  |          |          |          |          |  |  |                                     | Ш        |
|       | 107               |                  |          |          |          |          |  |  |                                     | Щ        |
|       | 108<br>109        |                  |          |          |          |          |  |  |                                     | $\vdash$ |
|       | 110               |                  |          | -        |          |          |  |  | _                                   | Н        |
|       | 111               |                  | _        |          | _        |          |  | -  | _                                   | -        |
|       | 112               | $\vdash$         | $\vdash$ | $\vdash$ | $\dashv$ | _        | _  | $\vdash$   | _                                   | Н        |
|       | 113               |                  | _        |          |          | _        |  |  |                                     | Н        |
|       | 113<br>114<br>115 | <u> </u>         |          |          |          |          | П  |  |                                     | H        |
|       | 115               |                  |          |          |          |          |  | П  |                                     | П        |
|       | 116<br>117        |                  |          |          |          |          |  |  |                                     |          |
|       | 117               |                  |          |          |          |          |  |  |                                     |          |
|       | 118               |                  |          |          |          |          |  |  |                                     |          |
|       | 119               |                  |          |          |          |          |  | _  |                                     | Ш        |
|       | 120               |                  |          |          |          |          | _  |  |                                     | Ш        |
|       | 121<br>122<br>123 |                  | <u> </u> |          |          |          | _  |  |                                     |          |
|       | 122               |                  | _        |          |          |          | <u> </u>                                   | <u> </u>   | _                                   | Ш        |
|       | 123               |                  | _        |          |          | _        | -  | -  |                                     |          |
|       | 124<br>125        |                  |          | -        |          |          | ⊢  |  |                                     |          |
|       | 126               |                  | _        |          |          |          | ├─   |  | _                                   | _        |
|       | 127               |                  |          | $\vdash$ |          |          | ┢─   | ├  |                                     |          |
|       | 127<br>128        |                  |          | H        |          | _        | $\vdash$                                   | <del>                                     </del> |                                     |          |
|       | 129               |                  |          |          |          |          |  | Г  |                                     |          |
|       | 129<br>130        |                  |          |          |          |          |  |  |                                     |          |
|       | 131               |                  |          |          |          |          |  |  |                                     |          |
|       | 132<br>133        |                  |          |          |          |          |  |  |                                     |          |
|       | 133               |                  |          |          |          |          |  |  |                                     |          |
|       | 134               | <u> </u>         | ļ        |          |          | L        | <u> </u>                                   |  | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | Ш        |
|       | 135               | 匚                |          | ļ        | _        | _        | _  | <u> </u>   | L                                   |          |
|       | 136               | <u> </u>         | ļ        | -        | _        | <u> </u> | <u> </u>                                   | _  | _                                   | Н        |
|       | 137<br>138        | ┝                |          | -        | H        | $\vdash$ | <u> </u>                                   | -  | $\vdash$                            | Н        |
|       | 139               | ├                |          |          |          | -        | ┢  | _  |                                     |          |
|       | 140               |                  |          |          | Н        |          | ├─   | -  | $\vdash$                            | Н        |
|       | 141               | -                | $\vdash$ |          | $\vdash$ | $\vdash$ | ┢  |  | $\vdash$                            | Н        |
|       | 142               | $\vdash$         | $\vdash$ | Н        |          | -        | $\vdash$                                   | _  | T                                   | H        |
|       | 143               | T                | H        | T        | Т        |          | $\vdash$                                   |  |                                     | Н        |
|       | 144               | T                | <u> </u> |          |          | Г        | Г  |  |                                     | П        |
|       | 145               |                  | Г        |          |          |          |  |  |                                     |          |
|       | 146               |                  |          |          |          |          |  |  |                                     |          |
|       | 147               |                  |          |          |          |          |  |  |                                     |          |
|       | 148               |                  |          |          |          |          |  |  |                                     |          |
|       | 149               | $ldsymbol{oxed}$ | L        | <u> </u> | L        |          | <u> </u>                                   | L  |                                     |          |
|       | 150               |                  |          |          |          |          | $ldsymbol{ldsymbol{ldsymbol{ldsymbol{L}}}$ | <u> </u>   |                                     |          |